

Cryopak[®]

R3 Service Program

Reverse, Refurbish and Reuse for Sustainability

Reuse your materials instead of rejects

The R3 Service Program incorporates a Reverse, refurbish and reuse for Sustainability Philosophy.



- *Application area and products for a reuse program*
- *Global tracking : how to track before, during and after the expedition*
- *Savings and benefits: case study*



Vaccines 2-8°C
5 Years
95% Recovery
of PT's

Cryopak
Locations



3rd Party
Locations



Approximately
1500 Pallet
Transporters
Handled per
year







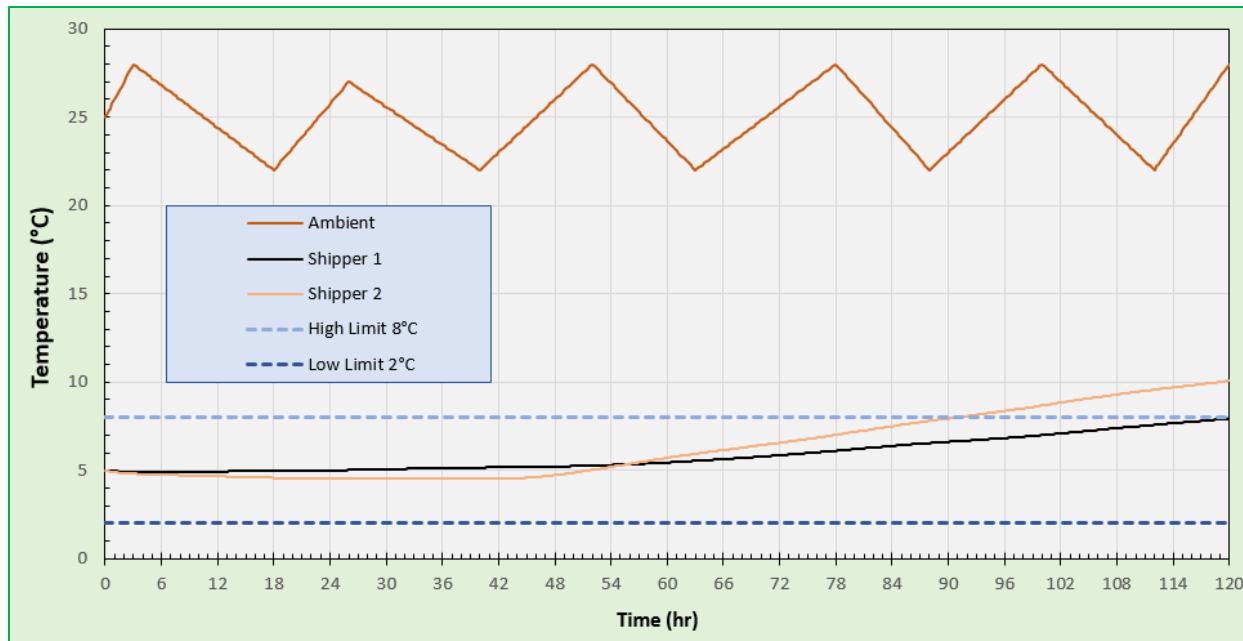
	iMiniUSB	CTL	GSM
Applications	<ul style="list-style-type: none"> • Single-use data logger • Records data without LCD screen • Data to be downloaded via PDF or Cryopak software • Blinking LED lights indicating alarms 	<ul style="list-style-type: none"> • Multi-use data logger • Records data with Android 4.X or higher (iOS and windows in development) • Blinking LED lights indicating alarms 	<ul style="list-style-type: none"> • Multi-use data logger • Records data with Android 4.X or higher (iOS and windows in development) • Blinking LED lights indicating alarms
Memory size	8K	16K	16K
Sensors	1 internal	1 internal or external	1 internal or external
Avail.	Now	Now	June 2019



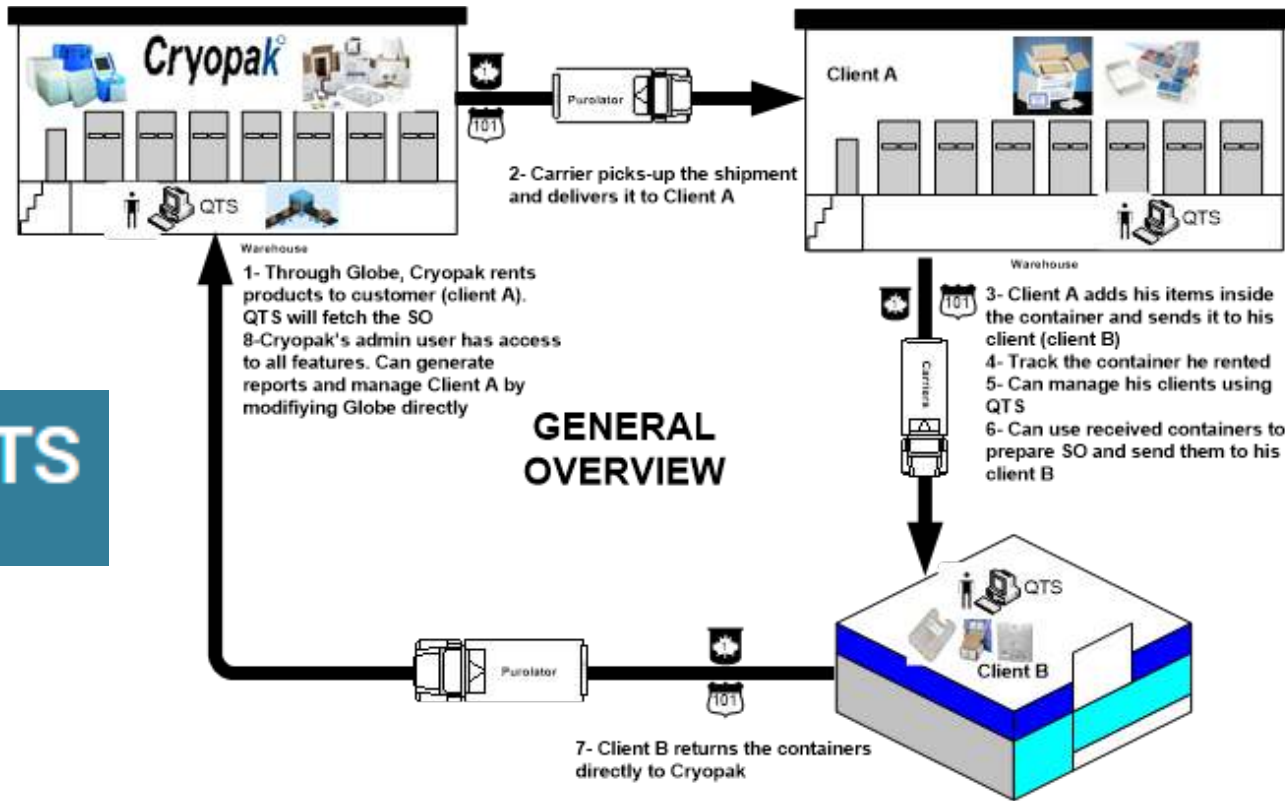
A VIP shippers performance for EPS shipper price



- VIP versions will significantly reduce refrigerant components Total number refrigerant components could reduced from 158 to 60, 62% reduction
- VIP transporter will double the duration under the same configuration

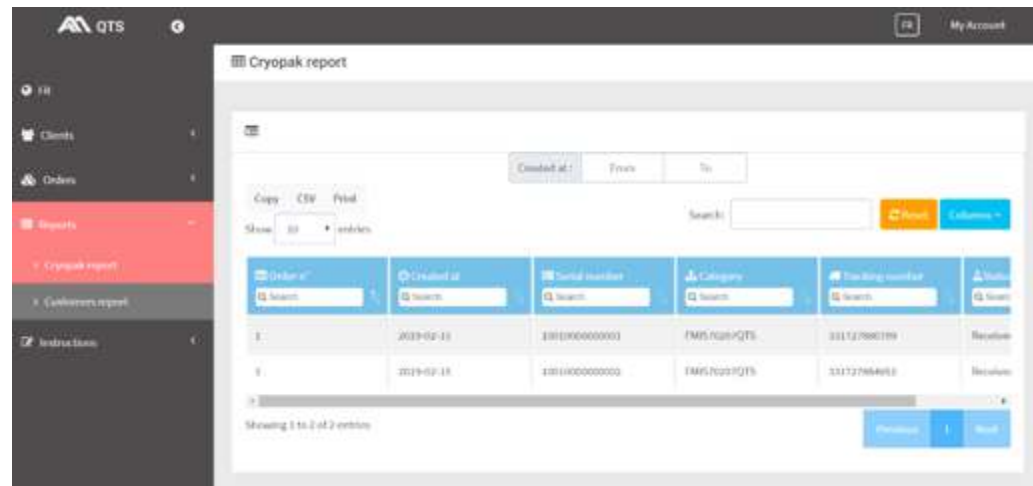


Tracking system



- Tracking of shipments and components
- Connected to our ERP System
- Connected to Shipping company's system

Easy to use Interface and Reporting Tools

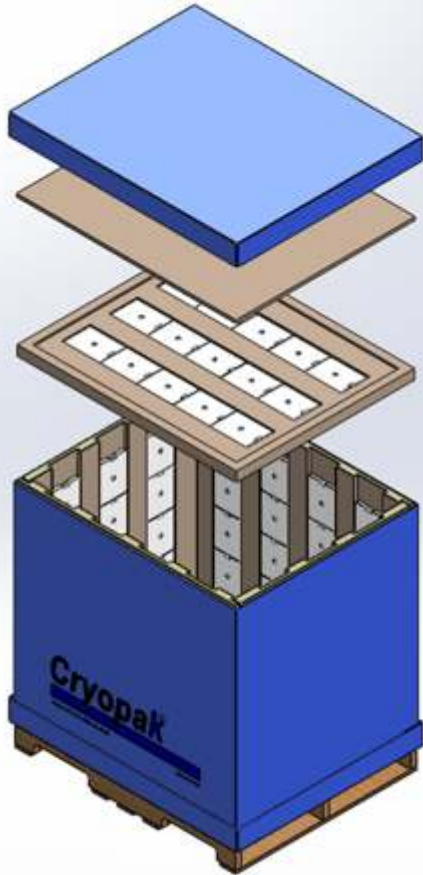


Global Presence and global partner

- Technical support available in English & French
- Offices in North America and Europe
- global partners to organize reverse logistics.



Case Study : Pallet Transporter for vaccines From France to china, japon, mexico and USA



<i>Specifications</i>	
Temperature Range	2-8°C
Duration	120 Hours (+/- dependent on Cold Chain logistics)
Insulation	Urethane
Refrigerant	Phase 5 Panels
PCM conditioning	Freezer / Refrigerator
Outer dimensions	46.00 x 56.00 x 63.50 inches
Payload dimensions	40.00 x 48.00 x 48.00 inches
Tare weight	300 lbs
Outer shell	Corrugated Box covering Corrugated Plastic



150 T of Polyrethan

300 000 Battery lithium

30 T of PEHD

300 T of PCM 5

200 k \$ of destruction cost

1.5 M \$ of purchase savings



- sustainable service that helps protect the environment
- Savings on shipping, technology and disposal fees.
- Cryopak has four (4) years of experience managing this program.
- Extreme Ease-of-use.
 - Cryopak arranges and manages Refurbishment and Return Logistics.
 - Cryopak arranges Preconditioning program if part of the project scope.
- References upon Request.
- Can be done on your existing solutions

Reverse/Refurbish/Reuse



R3 Service Program

Questions / Discussion

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